

2,3-diphosphoglycerate (2,3-DPG) ELISA Kit | 2,3-DPG elisa kit

Rat 2,3-diphosphoglycerate (2,3-DPG) ELISA Kit

CATALOG #
AAA53432

REACTIVITY
Rat

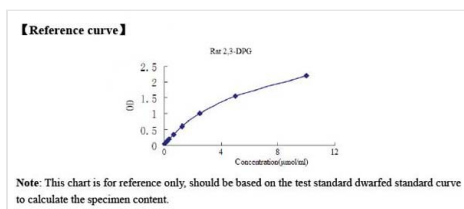
PRODUCT SYNONYMS

2; 3-diphosphoglycerate (2; 3-DPG); Rat 2; 3-DPG) ELISA Kit; 3-DPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	205
Samples	Rat serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant 2,3-DPG concentration
Assay Type	Sandwich
Detection Range	10 umol/ml-0.156 umol/ml
Sensitivity	0.05umol/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 2,3-DPG elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat 2,3-DPG monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4151123
Molecular Weight	22,037 Da

NCBI Official Full Name	2,3-PDG dependent phosphoglycerate mutase
UniProt Protein Name	2,3-PDG dependent phosphoglycerate mutase
UniProt Gene Name	pgm
UniProt Entry Name	Q9ZAX0_AME

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/23-diphosphoglycerate-23-dpg/53432>